# UV Cross Linker LX505UVC

**Email:** info@labdex.com **website:** www.labdex.com

## Description

UV Cross Linker LX505UVC is a microprocessor-controlled UV irradiation system that delivers precise and uniform UV energy using an integrated UV sensor for accurate dose control. It is ideal for membrane crosslinking, DNA nicking, gene mapping, RecA screening, polymer curing, and other molecular biology applications. Available with 15 W UV tubes.

## Specifications

| | |
|---|---|
| **Wavelength** | 365 nm |
| **Internal dimension** | 440 x 340 x 150 mm |
| **External dimension** | 550 x 360 x 300 mm |
| **UV-C Lamps** | 6 High output |
| **Operate energy** | 0.025 - 99.99 J/cm² |
| **Operate time** | 0 - 599.5 Min |
| **Operate preset** | 9 Preset |
| **UV Tubes** | 6 x 15 Watt |
| **Net weight** | 12 Kg |
| **Packing dimension** | 670 x 500 x 460 mm |
| **Gross weight** | 18 Kg |

## Features

- High-capacity exposure chamber for multiple sample processing
- Integrated UV sensor for real-time intensity monitoring

- Six high-output UV-C lamps for uniform irradiation
- Three operating modes: Energy, Time, and Preset
- Reproducible UV energy delivery with automatic dose compensation
- Automatic cycle termination upon achieving the programmed UV dose
- Precision UV dose control for efficient nucleic acid cross-linking
- Safety interlock door with UV-blocking observation window

## Applications

- UV Cross Linker for DNA/RNA immobilization in Southern, Northern, and Dot blotting, ethidium bromide DNA nicking, gene mapping, RecA mutation screening, PCR contamination control, UV sterilization, sanitization, and polymer curing.

## Standard Accessories

- Pair of UV protection glasses

**71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.**

**Email: info@labdex.com | Website: www.labdex.com**